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Date of Signature and Deposit: January 17, 2002

Nicholas J. Seay

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James A. Thomson

Date: January 17, 2002

Serial No.: 09/982,637

Group Art Unit:

Filed: 10/18/2001

Examiner:

For: PRIMATE EMBRYONIC STEM CELLS

Docket No.: 960296.97877

RESPONSE

Commissioner for Patents
Customer Service Center
Initial Patent Examination Division
Washington, D.C. 20231

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ORIGINALLY FILED**

Dear Sir:

In response to a Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed on November 14, 2001 in the above-identified application, please amend the application by substituting the attached sequence listing pages 47-48 in place of the sequence listing pages 47-49 in the application.

REMARKS

In a "Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequences and/or Amino Acid Sequence Disclosures" dated November 14, 2001 in the above identified case, applicants are informed that a copy of the "Sequence Listing" in computer readable form has not been submitted. Applicants are given two months to reply.

Enclosed herewith are a paper copy of the substitute sequence listing and a copy of the substitute sequence listing in computer readable form. The computer readable sequence listing is identical to the paper copy of the listing. The substitute sequence listing only corrected the information in sequence listing in the application under (I) GENERAL INFORMATION, (iv) CORRESPONDING ADDRESS and (viii) ATTORNEY/AGENT INFORMATION, and provided additional information under (I) GENERAL INFORMATION, (vi) CURRENT APPLICATION DATA. Thus, the substitute sequence listing contains no new matter.

No fee is believed to be due in connection with this substitution. However, if any fee is due, please charge the fee to the Deposit Account 17-0055.

Respectfully submitted,

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